

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-03-85	
Company El Paso Natural Gas				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 10-03-85		Total Depth 5813		Plug Back TD 5805	
Elevation		Farm or Lease Name Phillips			
Coq. Size 7.000	wt. 20	q 6.456	Set At 3321	Perforations: From *5263 To 5735	
Trq. Size 2.375	wt. 4.7	q 1.995	Set At 5735	Perforations: From To	
Type well - Single - Irradiated - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F	
Baro. Press. - P _a 12		State New Mexico			
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1							599		689		7 Days
2											
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mscf/d
1							
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1						
2						
3						
4						
5						

A.P.I. Gravity of Liquid Hydrocarbons					OIL CON. DIV.	
Specific Gravity Separator					DIST.	
Specific Gravity Flowing Fluid					P.S.I.A.	
Critical Pressure					P.S.I.A.	
Critical Temperature					R	

NO.	P _r	P _w	P _a	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow				Mcf/d @ 15.025		Angle of Slope @		Slope, n	
Remarks: *4.500' Liner = 3175' - 5813'.									

Approved by Commission:	Conducted by: N.L. Waggoner	Calculated By: Ed Mabe	Checked by: kld
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